



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
NEMOM, THIRUVANANTHAPURAM
 Telephone No - 0471-2961386, E-mail - aeeqcsdtvm@gmail.com



Test Report

TC-10395

ULR No: TC103952200001725F

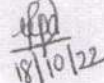
Test Report. No. KWA/QCSDL/NM/2022/6351

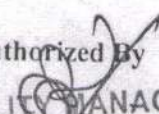
Date of Report : 18/10/2022

Customer Name & Address			1. Date of Receipt : 13/10/2022		
MGM TRINITY SCHOOL KONCHIRA POST VETTINADU THIRUVANANTHAPURAM 695 615 PH NO 9207746800			2. Sampling done by : The Customer		
			3. Sample Code : 2022/6351		
			4. Source of Sample : OPEN WELL		
			5. Sample Quantity :2 litre		
			6. Test Performing Dates		
			From : 13/10/2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	CU Units	APHA 2120 Colour Method B (Pt - Co Visual Comparison) 2017	5	5
2	Odour	Qualitative	IS 3025 (Part 5-2018)		agreeable
3	Turbidity	(NTU)	IS 3025 (Part 10) 2017	1	0.48
4	pH at 25°C		IS 3025 (Part 11) - 2022 Electrometric Method	6.5 to 8.5	7.92
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (Part 23) 2019	200	8.00
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (Part 16) 2017	500	13.43
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (Part 21) 2019 EDTA Method	200	12.18
8	Calcium (as Ca)	(mg/litre)	IS 3025 (Part 40) 2019 EDTA Method	75	2.44
9	Magnesium (as Mg)	(mg/litre)	APHA 3500 - MgB	30	1.48
10	Chloride (as Cl)	(mg/litre)	IS 3025 (Part 32) 2019 Argentometric Method	250	9.86

Remarks:-

- NB:-
1. The results stated above related only to the sample(s) received for testing.
 2. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

Analyzed by: 
18/10/22

Authorized By

QUALITY MANAGER
 QUALITY CONTROL SUB DISTRICT LAB
 KERALA WATER AUTHORITY
 NEMOM, THIRUVANANTHAPURAM

* End of Report *

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MGM TRINITY SCHOOL KONCHIRA POST VETTINADU THIRUVANANTHAPURAM 695 615 PH NO 9207746800			2. Sampling done by : THE CUSTOMER		
			3. Sample Code : 2022/6351		
			4. Source of Sample : OPEN WELL		
			5. Sample Quantity : 2 Litre		
			6. Test Performing Dates		
			From : 13.10.2022 To :14.10.2022		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 -	Result
1	Electrical Conductivity at 25 ° C	(micro mhos/cm)	IS 3025 (part 14) - 2013 (R. 2019)		23.34
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019)		1.00
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (part 24) - 1986 (R. 2019)	200	2.46
4	Fluoride (as F)	(mg/litre)	IS 3025 (part 60) - 2008 (R. 2013)	1.0	0.23
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (R. 2014)	1.0	NIL
6	Nitrate (as NO ₃)	(mg/litre)	IS 3025 (part 34) - 1988 (R. 2019)	45	0.31
7	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1988 (R. 2019)	0.2	NIL

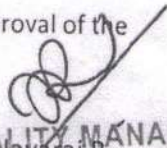
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18/10/22

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QUALITY MANAGER
Jayaraj B
QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
NEMOM, THIRUVANANTHAPURAM

* End of Report *

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			3. Sample Code : 2022/6351	
			4. Source of Sample : OPEN WELL	
			5. Sample Quantity : 2 litre	
			6. Test Performing Dates	
			From : 15/10/2022 To : 17/10/2022	
Sl. No.	Parameter	Acceptable Limits as per IS 10500-2012	Test Method	Result
1	Total Coliform	Shall not be detected/100 ml	IS 5401 (Part- 2) 2012 ISO 4831 : 2006	ABSENT
2	E coli	Shall not be detected/100 ml	IS 5401 (Part- 2) 2012 ISO 4831 : 2006	ABSENT

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